



Crops & Weather

National Agricultural Statistics Service

Iowa Field Office

USDA National Agricultural Statistical Service, Iowa Field Office • 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
Phone 515-284-4340 • 1-800-772-0825 • Fax 515-284-4342 • [nass-ia@nass.usda.gov](mailto:nass-ia@nass.usda.gov)  
In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending April 28, 2013

Media Contact: Greg Thessen

The week ending April 28, 2013 began with unfavorable conditions, but dry and warmer weather across Iowa late in the week allowed fieldwork to resume. There was an average of 2.0 days suitable for fieldwork during the week, according to the USDA, National Agricultural Statistics Service. Field activities included tilling and application of fertilizers and herbicides.

Topsoil moisture levels rated 3 percent very short, 7 percent short, 76 percent adequate and 14 percent surplus. Subsoil moisture levels rated 13 percent very short, 31 percent short and 51 percent adequate and 5 percent surplus.

Although oat planting picked up pace and was 45 percent complete, it was well behind last year’s 97 percent and the five-year average of 79 percent. Farmers began to plant a small amount of corn.

Pasture and range condition rated 16 percent very poor, 23 percent poor, 40 percent fair and 19 percent good and 2 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY

Provided by Harry Hillaker, State Climatologist

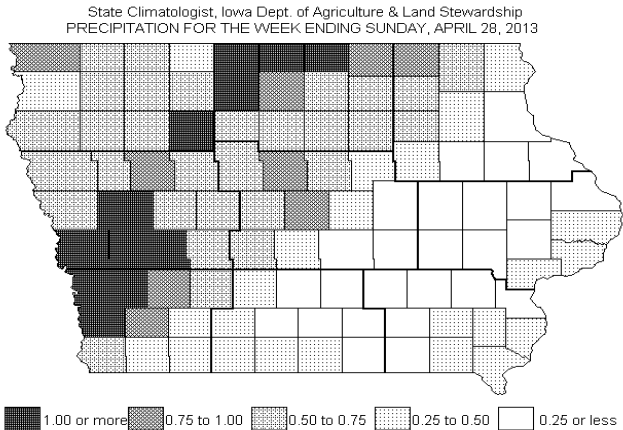
Iowa Department of Agriculture & Land Stewardship

The past reporting week began with unseasonably cool and wet weather. Rain began over the northwest one-half of Iowa on Sunday (21<sup>st</sup>) and changed to snow over about the northwest one-quarter of the state on Monday (22<sup>nd</sup>). A few areas from west central into north

central Iowa picked up more than an inch of rain while snow accumulated up to six inches in Lyon County. Light rain fell over the southeast one-third of Iowa on Tuesday (23<sup>rd</sup>) with some snow also reported. Very light rain fell nearly statewide on Wednesday (24<sup>th</sup>). A welcome period of dry weather began on Thursday and continued into Sunday (28<sup>th</sup>) with the exception of a few showers in extreme southeast Iowa on Saturday. Weekly rain totals varied from only 0.04 inches at Dubuque to 1.84 inches at Underwood in Pottawattamie County. The statewide average precipitation was 0.53 inches while normal for the week is 0.94 inches. The rain pushed the statewide average precipitation for the month to an April record of 6.52 inches (old record among 141 years of data was 6.25 inches in 1999). Monthly rain totals have been more than double usual April totals over parts of eastern Iowa but were only near normal over portions of the northwest and southwest corners of the state. Meanwhile temperatures over the past week were well below normal through Thursday and finally climbed to well above normal over northwest Iowa by Sunday (28<sup>th</sup>). Temperature extremes for the week varied from a Wednesday morning low of 21 degrees at Sibley to a Sunday afternoon high of 86 degrees at Sioux City. Sunday’s readings were the first 80’s recorded in Iowa this year and marked the latest start to eighty degree weather in the state since 1993. Temperatures for the week as a whole averaged 4.5 degrees below normal. Finally, soil temperatures warmed into the mid to upper 50’s statewide as of Sunday (28<sup>th</sup>) but will likely fall back into the forties when much cooler weather returns at mid-week.

Crop Conditions as of April 28, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Pasture & Range .....	16	23	40	19	2



Field Work and Crop Progress as of April 28, 2013

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Oats planted .....	40	31	20	61	45	64	55	60	52	45	22	97	79
Oats emerged .....	3	1	1	12	10	16	16	18	23	11	3	75	44

Days Suitable & Soil Moisture Condition as of April 28, 2013

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)
Days suitable .....	1.5	1.2	1.8	2.0	2.1	2.9	2.7	2.2	1.8	2.0	0.3	4.3
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short .....	7	1	0	3	0	0	8	6	0	3	3	1
Short .....	13	1	7	11	4	1	15	6	4	7	6	7
Adequate .....	75	88	78	78	78	78	67	67	67	76	60	76
Surplus .....	5	10	15	8	18	21	10	21	29	14	31	16
Subsoil moisture												
Very short .....	30	7	9	26	4	4	19	12	5	13	14	7
Short .....	34	43	33	41	23	20	41	27	10	31	32	21
Adequate .....	35	48	55	32	66	68	39	55	70	51	48	65
Surplus .....	1	2	3	1	7	8	1	6	15	5	6	7

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.  
For the week ending: 7:00 am Sunday, April 28, 2013, Prepared by AWIS, Inc.

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
	North West District									
Estherville .....	73	22	44	-6	0.47	-0.23	4.19	1.58	15	-12
Sioux Center .....	84	22	47	-7	0.37	-0.25	3.19	0.91	28	-57
Spencer .....	74	24	45	-7	0.57	-0.13	4.66	2.15	20	-22
Spirit Lake .....	82	23	45	-5	0.43	-0.20	3.02	0.74	27	-15
North Central District										
Britt .....	73	25	44	-8	0.92	0.15	7.63	4.83	18	-12
Dakota City .....	73	24	46	-7	0.74	-0.03	6.52	3.70	22	-35
Mason City .....	73	24	47	-5	0.73	-0.04	7.28	4.54	19	-20
Osage .....	71	25	44	-8	0.62	-0.22	7.14	4.10	6	-29
North East District										
Decorah .....	73	26	50	-3	0.42	-0.42	6.73	3.56	23	-28
Dubuque .....	68	30	47	-5	0.04	-0.87	8.54	5.08	22	-28
Elkader .....	69	26	45	-8	0.20	-0.62	6.88	3.91	9	-42
Fayette .....	70	27	45	-7	0.42	-0.42	7.09	4.04	12	-17
Waterloo .....	70	27	48	-5	0.48	-0.36	6.07	3.01	28	-25
West Central District										
Carroll .....	71	24	46	-7	0.68	-0.16	5.35	2.29	26	-26
Castana .....	73	25	46	-10	0.59	-0.12	5.31	2.78	25	-77
Guthrie Center .....	70	24	48	-6	0.79	-0.04	7.12	4.08	32	-38
Harlan .....	68	25	46	-9	1.20	0.40	4.97	2.11	26	-30
Jefferson .....	70	25	47	-6	0.60	-0.24	6.05	2.99	26	-32
Logan .....	73	23	47	-8	1.39	0.61	4.13	1.45	34	-50
Rockwell City .....	74	24	46	-8	0.59	-0.14	6.05	3.46	24	-24
Sac City .....	72	24	45	-7	1.25	0.53	5.45	2.80	18	-21
Sioux City .....	75	24	47	-8	0.63	0.02	4.76	2.61	46	-32
Central District										
Boone .....	68	24	47	-7	0.77	-0.07	5.84	2.75	21	-44
Des Moines .....	69	28	52	-4	0.31	-0.51	6.59	3.45	81	-13
Grundy Center .....	70	27	47	-4	0.36	-0.46	6.47	3.51	23	-14
Marshalltown .....	68	26	49	-4	0.25	-0.52	5.75	2.79	36	-16
Newton .....	69	26	47	-7	0.18	-0.66	5.85	2.84	28	-48
Perry .....	68	26	47	-6	0.63	-0.17	5.83	2.93	26	-30
Toledo .....	67	26	45	-7	0.10	-0.74	6.11	3.11	18	-27
East Central District										
Cedar Rapids .....	69	28	48	-5	0.03	-0.74	8.54	5.57	39	-28
Davenport .....	68	33	50	-5	0.39	-0.39	6.74	3.71	54	-40
Iowa City .....	69	31	49	-8	0.15	-0.76	8.45	5.02	53	-65
Lowden .....	69	31	47	-6	0.23	-0.68	9.93	6.44	27	-26
Maquoketa .....	68	31	46	-7	0.23	-0.54	7.68	4.69	21	-26
Muscatine .....	67	33	48	-8	0.32	-0.52	8.44	5.18	40	-68
South West District										
Atlantic .....	68	25	47	-7	1.01	0.24	4.58	1.79	29	-49
Clarinda .....	68	23	48	-7	0.41	-0.46	4.77	1.64	41	-36
Glenwood .....	68	23	47	-8	1.41	0.61	3.89	1.19	42	-60
Red Oak .....	68	25	49	-8	0.92	0.04	4.39	1.17	50	-33
Sidney .....	67	25	48	-8	0.71	-0.10	4.02	1.10	54	-49
South Central District										
Allerton .....	67	27	46	-9	0.25	-0.59	8.14	5.05	41	-42
Beaconsfield .....	68	24	47	-8	0.20	-0.63	9.82	6.77	40	-26
Chariton .....	67	26	46	-8	0.21	-0.68	6.61	3.31	30	-29
Indianola .....	68	25	48	-7	0.20	-0.71	6.64	3.32	40	-24
Lamoni .....	68	26	49	-7	0.29	-0.62	7.02	3.71	76	-5
South East District										
Bloomfield .....	68	30	47	-10	0.20	-0.67	7.70	4.45	50	-36
Burlington .....	69	34	50	-6	0.51	-0.33	5.11	1.86	88	-38
Ottumwa .....	67	28	48	-8	0.13	-0.71	8.58	5.53	65	-46
Washington .....	68	31	48	-9	0.25	-0.55	7.94	4.96	44	-60

<sup>0</sup> Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2013: AWIS, Inc. All Rights Reserved.